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INSTALL INSTRUCTIONS C-VS-1600-EXPL-1

16" VEHICLE SPECIFIC CONSOLE for 2011 - 2015 Retail Model FORD EXPLORER with OEM Center Shifter

TOOLS NEEDED:

Phillips Screw Driver	Wire Cutters	Wire Crimping tool
Standard Socket set	T-20 Torx Bit	Adjustable Wrench
Metric Socket set	90° Scribe	Small Screw Drivers
Power Drill with Drill Bits		

QTY	DESCRIPTION	PART #
1	Main Console Housing	
1	Front hump bracket	CM004244
1	Front shifter platform (attaches to hump bracket)	CM004246
1	Rear mount bracket	CM004239
1	Driver side trim panel	CM004237
1	Passenger side trim panel	CM004236
1	Top / Forward trim bezel	CM004248
1	Rear control cover plate	CM004317
1	Cup Holder	CM001407
2	12 volt sockets	CM216560
1	Aux panel adaptor plate (New for 2014)	CM005898
1	Hardware kit	C-HK-176
	C-HK-176 Hardware Kit includes the following	
10	1/4" Flat washer	GSM31005
6	1/4 x 3/4" Hex head bolt	GSM33001
4	1/4 x 1" Hex head bolt	GSM33002
8	1/4" serrated nut	GSM30023
10	# 8 x 3/8" Torx head screw	CM86508
4	8/32 x 1/2" Phillips pan head machine screw	GSM33110
2	# 10 x 3/4" Phillips pan sheet metal screw	GSM34170
2	# 10 Speed nut	GSM30199
4	Female spade connector	GSM20224
2	7/8" Plug	CM86430
1	3.5" (3-1/2") diameter O-Ring	GSM31331
2	1.875" (1- 7/8") diameter O-Ring	GSM31335
2	#8 X 1/4" Phillips flat sheet metal screw	GSM33178

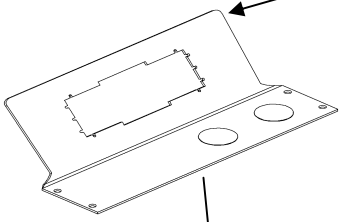
NOTES!

- Read all instructions before installing any Havis, Inc. products.
- Use hardware provided with install kit.
- Console housing is shipped partially pre-assembled to the CM004244 front hump bracket. Bracket must be unbolted from housing prior to installation.

C-VS-1600-EXPL-1
(Main Housing Assembly)

Optional # **CM005159** (Sold separately)
Top / Forward Trim Bezel
-Allows C-VS-1600-EXPL-1 console to fit into Ford Interceptor Utility with Standard or Upgrade Interior.
-Converts 16” inches of usable space into 24” inches of usable space. If using this part, a C-CUP2-I cup holder will be required if desired. **See Photos on last page**

Also see complete console # C-VS-2400-INUT-1



Adaptor plate for 2014 Ford Retail Explorer.
Adapts the smaller (2014) OEM aux input panel to fit console forward plate. Adaptor plate with “O” ring and mount screws included with consoles MFG after 9/1/13.
Retrofit / Adaptor kit can be purchased separately if needed. Part # **CM005919**
CM005919 kit includes – 1 – CM005898, 1 - GSM31335 and 2 - GSM33178

CM004236
Passenger side trim panel

CM004248
Top / Forward Trim Bezel

CM004237 Driver side cover panel

CM004244 Front hump bracket

CM004246 Front shifter platform

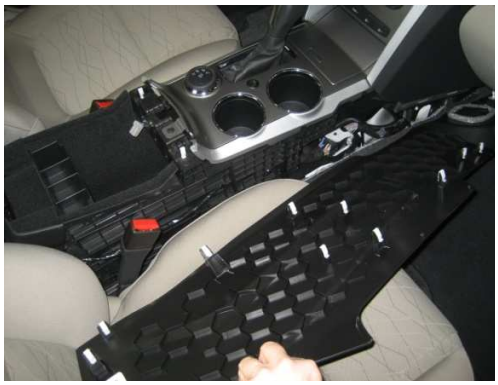
Main Console Housing

CM004317
Rear control cover plate
(not shown)

CM004239
Rear mount bracket (inside console)

O.E.M. console prior to removal

Lift arm rest and remove (unsnap) trim piece with 12 volt socket. Unplug socket.



Carefully unsnap and remove console side panels

Remove one (1) screw holding top / forward trim bezel. (7mm socket)

Carefully remove / unsnap trim bezel and remove terrain management switch or accessory pocket. It helps to turn ignition on and move shift lever knob rearward.

Carefully unsnap shifter boot from underside of trim bezel. Unplug Aux input jack and 12 volt socket. O.E.M. plugs and wiring will be reused later.

Remove Aux input jack from trim bezel assembly. To be reused later.

Remove two (2) screws for rear storage pocket latch bracket. (7mm socket)

Remove storage pocket. **Note:** There is a sensor attached to the bottom of pocket that must be unplugged.

Remove sensor from bottom of storage pocket. To be reused later. (10mm socket)

Carefully unclip shifter cable from shifter mount assembly. This is done by pushing the two white tabs forward and sliding cable towards driver side. Both tabs need to be done at the same time. Small screw drivers can be used for this.

Using a flat screwdriver, **carefully** pop off the shifter cable end from the linkage stud.
Pop toward driver side.

Unplug harness from shifter assembly. Remove four (4) bolts holding shifter assembly to plastic console housing. (8mm socket)

Shifter assembly is now removed and will be reused later.

Total of eight (8) bolts holding the main plastic console housing to floor must now be removed. Two (2) forward driver side bolts shown. (10mm socket)

Passenger side / side bolt shown. Detach carpet from side of console.

Passenger side / rear bolt shown.

Unplug main harness from console base at passenger side front.

Remove console housing.

Detach O.E.M. harness from console housing. To be reused. A 90° scribe works well for popping out harness clips.

Console harness shown removed.

Note: Small harness for cup holder lights does not need to be removed.

Remove HVAC controls from rear console housing if you desire to reuse it in the new console. The plug for this can remain disconnected if controls are not used.

Remove O.E.M. forward and middle brackets from transmission hump. Save hardware.
(8mm socket)

With battery disconnected, temporarily unplug harnesses from OEM sensor and detach two (2) harness clips from transmission hump.

Mount new # CM004244 front hump bracket to transmission hump with O.E.M screws previously removed.
(8mm socket)

Route harnesses over bracket and reconnect to sensor.

Attach # CM004246 front shifter platform to hump bracket with four (4) 1/4 x 3/4 Hex head bolts, lock washers and flat washers.
(7/16 wrench)

Attach previously removed sensor onto # CM004239 rear mount bracket studs and 1/4 serrated nuts. Plugs facing rear of vehicle.
(7/16 wrench)

Attach # CM004239 rear mount bracket to existing O.E.M. rear floor bracket with two (2) previously removed bolts. (10mm) Sensor faces down.

Place main console housing into vehicle and loosely attach it to the mounting brackets with six (6) 1/4 x 3/4 hex bolts and flat washers. (7/16)
Note: Carpet tucks between hump bracket and console side panels.

Place shifter assembly into console.
Do not bolt in yet.
Place previously removed O.E.M. harness inside console housing. Reconnect plugs as needed.

Carefully place # CM004248 Top / forward trim bezel.

Do not screw down yet.

Now attach shifter assembly to shifter platform with four (4) 1/4 x 1” hex head bolts and flat washers. (7/16 socket)
Reattach O.E.M. shifter cable to original locations.

Route terrain management switch and aux plugs to new mounting locations. Cut off O.E.M. 12 volt plug and attach supplied 1/4 female spade connectors on wires.

Attach the supplied 3-1/2” diameter O-Ring to the back of the Auxiliary panel as shown.
This helps make a snug fit when snapped into the console bezel.

Note: This method also works for other Auxiliary panels such as the MyFord Touch system

Adaptor plate for 2014 Ford Retail Explorer.
Adapts the smaller (2014) OEM aux input panel to fit console forward panel. Adaptor with “O” ring and mount screws included with consoles MFG after 9/1/13.
(2014 Premium Aux panel shown)

Attach 1-7/8” diameter “O” ring to the OEM aux panel and snap into adaptor plate. Attach plate assembly to console forward bezel with #8 x 1/4" Phillips flat head screws.

(2014 Standard Aux panel shown)

Using one (1) 1-3/4” O-Ring supplied, attach it to the back of the terrain management switch
This helps make a snug fit when snapped into console bezel.
**** If your vehicle only has a round accessory pocket, the pocket will need to be glued into the round hole.**

Attach supplied 12 volt socket into 7/8 hole in console bezel. Plug 12 volt positive wire to center connector and negative wire to outboard ground connector. Attach original plugs onto TM switch, Aux panel and snap or screw them into place as shown.

Carefully snap shifter boot into mounting tabs on underside of bezel. Use six (6) # 8 x 3/8” torx head screws and attach bezel to front end of console. **Carefully** line up bezel with front ends of side extrusions. (T-20 torx bit)

Cut off O.E.M. 12 volt plug and attach supplied 1/4 female spade connectors on wires. Attach supplied 12 volt socket into 7/8 hole in passenger side trim panel. Insert supplied 7/8 plugs into unused hole.

Loosely attach each forward side trim panel onto console with two (2) # 8 x 3/8” torx head screws.
(T-20 torx bit)

Position side trim panel up tight to dash. You should also lift front end of console housing to get the best possible fit. Drill 1/8” hole into plastic dash at forward mount hole.

Remove side trim panel and place supplied # 10 speed nut onto drilled location. This provides a sturdy mount for trim screw. Same procedure on both sides.

Before attaching trim panels, you will need to slightly bend pointed part shown inward behind extrusion. Adjustable wrench easily bends this metal flange.

Reattach each forward side trim panel onto console with two (2) # 8 x 3/8” torx head screws. (T-20 torx bit) Attach forward end of panel to speed nut with # 10 x 3/4 sheet metal screw. (Phillips screwdriver)
Plug 12 volt positive wire to center connector and negative wire to outboard ground connector.

Adjust position and tighten console housing to brackets. (7/16 wrench)
This photo shows O.E.M. rear controls mounted in console. Four (4) 8/32 x 1/2" screws provided. **Note:** It is not necessary to use the controls if not desired.

Before inserting cup holder, run necessary wiring and wire tie as needed. Make sure wiring is not stressed or that it does not interfere with shifter mechanism.

New console housing prior to control head installation.

View of completed installation

Console includes mounting provisions for side mounted C-HDM-204 or C-TCB-7 computer mount brackets.

View of completed installation with UT-X Laptop mount.

View of completed installation with Laptop computer.

View of completed installation in 2013 Interceptor Utility with Optional # CM005159 Top / Forward Trim Bezel
Note: As of 10//4/13, there is a new console model **C-VS-2400-INUT-1** available for the Interceptor Utility that includes this configuration.

View of completed installation in 2013 Interceptor Utility with Optional # CM005159 Top / Forward Trim Bezel,
C-CUP2-I cup holder and C-ARM-103 arm rest.